BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work :Modified Estimate for Development of parks in Paschim County and L M enclave in Dasarahalli Zone

Sanctioned Estimate Amount: 60.00 Lakhs

Sanctioned Tender Amount: Rs. 50,32,826.80

Tender Premium: 1.00% Below

Name of the Contractor: Sri. D G Jagadeesh

WORKSLIP STATEMENT

Sl. No.	Description of Item	Unit	Sanctioned Estimate			As per Tender (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
1	KSRRB 200-8.Clearing and grubbing thorney jungle including uprooting rank vegetation, grass, brush, shrubs, saplings and trees of girth upto 300mm, by manual means, in area of light jungle, removal of stumps, disposal of unserviceable materials, stacking of serviceable materials labour charges complete as per specifications	Sqm	61.00	15.90	969.90	61.00	15.74	960.14	61.00	61.00	15.74	960.14	0.00	15.74	0.00	960.14	0.00	0.00	-
2	Removing and resetting of kerb stones	M	339.20	104.94	35595.65	339.20	103.89	35239.49	334.20	339.20	103.89	35239.49	0.00	103.89	0.00	35239.49	0.00	0.00	
3	Removing and resetting of footpath slab	Sqm	329.19	208.82	68741.46	329.19	206.73	68053.45	329.19	329.19	206.73	68053.45	0.00	206.73	0.00	68053.45	0.00	0.00	-
4	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum	139.19	207.60	28895.84	139.19	205.52	28606.33	110.79	110.79	205.52	22769.15	0.00	205.52	0.00	22769.15	0.00	0.00	-
5	Earthwork For Hard Soil in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications, specification No. KBS 2 .1 (a)/2.3.1	Cum	26.57	439.74	11683.89	26.57	435.34	11566.98	0.00	0.00	435.34	0.00	0.00	435.34	0.00	0.00	11566.98	11566.98	-
6	Earthwork for Ordinary soil in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications, specification No. KBS 2 .1 (a)/2.3.1	Cum	117.60	333.74	39247.82	117.60	330.40	38855.04	56.11	56.11	330.40	18537.30	0.00	330.40	0.00	18537.30	20317.74	20317.74	

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11	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3	Tonne	0.70	75223.96	52656.77	0.70	74471.72	52130.20	0.00	0.00	74471.72	0.00	0.00	74471.72	0.00	0.00	52130.20	52130.20	
12	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications.	Sqm	33.22	379.48	12606.33	33.22	375.69	12480.42	46.74	41.53	375.69	15600.53	5.22	375.69	1959.22	17559.75	0.00	0.00	
13	Providing and constructing granite / trap / basalt size stone masonry do - cement mortar 1:6 in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13	Cum	11.88	4871.76	57876.51	11.88	4823.04	57297.72	15.96	15.96	4823.04	76975.72	0.00	4823.04	0.00	76975.72	0.00	0.00	
14	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.	Nos	142.00	432.48	61412.16	142.00	428.16	60798.72	281.22	177.50	428.16	75998.40	103.72	428.16	44409.71	120408.11	0.00	0.00	
15	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force there by forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications. Specification No. KBS	Sqm	414.00	1116.18	462098.52	414.00	1105.02	457478.28	197.80	197.80	1105.02	218572.96	0.00	1105.02	0.00	218572.96	238905.32	0.00	

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19	Fabrication supplying and erecting M.S. tubular trusses of all spans as per approved drawing & design with prefabricated steel applications using quality material and are durable, reliable and corrosion and abrasion resistant. Welding shall confirm to latest structural welding code. Quality shall be on various parameters like shape, size, design gauge and polish. The entire trusses is anchored in RCC column by using 4 nos of M.S. anchor bolts at each support with 10mm thick base plate and shoe plate. The work includes cutting, straightening, placing in position of M.S. pipes and welding wherever necessary and applying one coat of redoxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification	Kg	2332.00	117.66	274383.12	2332.00	116.48	271631.36	0.00	0.00	116.48	0.00	0.00	116.48	0.00	0.00	271631.36	271631.36	
20	Supplying and fixing new Mangalore tiles on existing reepers including cost of matenals, labour, HOM complete as per specifications.	Sqm	56.64	431.42	24435.63	56.64	427.11	24191.51	0.00	0.00	427.11	0.00	0.00	427.11	0.00	0.00	24191.51	24191.51	
21	Providing Mangalore Ridge tiles se t in C.M. 1:2 and pointed with m C.M. 1:2. including cost of matenals, labour, HOM complete as per specifications	Sqm	48.00	216.24	10379.52	48.00	214.08	10275.84	0.00	0.00	214.08	0.00	0.00	214.08	0.00	0.00	10275.84	10275.84	
22	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 he.avy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.	Sqm	54.00	1305.92	70519.68	54.00	1292.86	69814.44	133.20	67.50	1292.86	87268.05	65.70	1292.86	84940.90	172208.95	0.00	0.00	

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23	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification	Sqm	6.82	3192.72	21774.35	6.82	3160.79	21556.59	0.00	0.00	3160.79	0	0.00	3160.79	0.00	0.00	21556.59	21556.59
24	Providing and fixing M.S. Grill over existing compound wall as per using 16mm x 16mm M.S. Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at - the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials,	Sqm	168.00	5691.14	956111.52	168.00	5634.23	946550.64	0.00	0.00	5634.23	0	0.00	5634.23	0.00	0.00	946550.64	946550.64
25	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications.	Sqm	168.00	43.46	7301.28	168.00	43.03	7229.04	228.48	210.00	99.69	20934.9	18.48	99.69	1842.27	22777.17	0.00	0.00
26	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surfacebrushing to give an even shade after cleaning oil, grease, dirt and otherforeign matter, including cost of materials, labour, complete as per specifications.	Sqm	987.15	100.70	99406.01	987.15	99.69	98408.98	847.43	847.43	99.69	84480.2967	0.00	99.69	0.00	84480.30	13928.69	13928.69

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27	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.	Sqm	233.55	84.80	19805.04	233.55	83.95	19606.52	233.55	233.55	83.95	19606.5225	0.00	83.95	0.00	19606.52	0.00	0.00	
28	Providing and fixing RCC name board of size 1.35x0.60x0.04 mtrs fixed in reinforced cement concrete poles of size 0.10x0.10x2.60mtrs in cement concrete M 20 proportion using 20mm and down size graded metal machine mixed with 10mm dia main steel bars and 8mm dia stirups. The board shall be provided with 12mm thick cement plaster in cement mortar 1:3 on both the sides. The poles shall be embedded in the ground for a depth of 0.5 mtrs with cement concrete M 10 proportion. The board shall be fixed as per the drawing and at the place indicated by the Engineer incharge of the work. The cost includes	Each	1.00	5830.00	5830.00	1.00	5771.70	5771.70	0.00	0.00	5771.70	0.00	0.00	5771.70	0.00	0.00	5771.70	5771.70	
29	Fiber Dustbin SS Dustbin with Ms Pole 3ft	Nos	7.00	17500.00	122500.00	7.00	17325.00	121275.00	4.00	4.00	17325.00	69300	0.00	17325.00	0.00	69300.00	0.00	51975.00	
30	Executive Bench : Made out of Sadarohally Grey Stone with hand supporters with 3 line finishing with arch Design with 100 mm Slab	Nos	18.00	18200.00	327600.00	18.00	18018.00	324324.00	18.00	18.00	18018.00	324324	0.00	18018.00	0.00	324324.00	0.00	0.00	
31	Supply and fixing of children play equipment maxima N Swing : Inverted U shaped structural posts of height 2.31m are to be schedule hot dip galvanized with a 114mm OD and 2.2mm (Wall) thickness of the Tubing toprail at Height 2.31m and dia 114 mm shall be an all robtic welded unit fabricated 114 OD plastic Components such as swing seats super thickplastic shall be anminated and shall be rotationally molded from antistic copoymer virigin linear low density	Each	1.00	188495.00	188495.00	1.00	186610.05	186610.05	1.00	1.00	186610.05	186610.05	0.00	186610.05	0.00	186610.05	0.00	0.00	
32	Supply and fixing of children play equipment four seater seesaw The Seasaw Consists of two poles of dia 114mm and thickness of 2.5 mm which balances the horizontal rod at the center which is the size of 3110mm length and dia 114 mm with consists of a 4 seats which is made of LLDPE virigin plastic of size 305mm x 213mm x	Each	1.00	107240.00	107240.00	1.00	106167.60	106167.60	1.00	1.00	106167.60	106167.60	0.00	106167.60	0.00	106167.60	0.00	0.00	

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33	Supply and fixing of children multi play equipment with two slides monkey bar baffles with animated roof upright structural posts of height 2.2m and 3m are to schedule hot dip galvanized steel with 114mm OD and 2.2mm (wall) thickness of the tubing deck of size 1.45mx1.45m and stair case of size 1.05mx0.77m are fabricated from 2mm perforated solid punched steel deck perimeter is a precision pre punched for attachment handrail of height 1.90m and dia 32mm shall be an all robotic welded unit fabricated from 32 OD galvanized steel pipes with a baked on a powder coating finish spring climber of thickness dia 38mm	Each	1.00	1102658.00	1102658.00	1.00	1091631.42	1091631.42	1.00	1.00	1091631.42	1091631.42	0.00	1091631.42	0.00	1091631.42	0.00	0.00
	TOTAL				5083673.80			5032826.80				3234470.97			133152.10	3367623.07	1831048.87	1644318.54

Percentage of excess comparing to the sanctioned Estimated cost = $\frac{1831048.87}{5032826.80}$ x 100 = 36.38%

Assistant Engineer
BBMP

Assistant Executive Engineer
Project Division
BBMP

Executive Engineer
Project Division Dasarahalli
BBMP

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

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